

Sheet 1 of 2

Form 1449\*

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)**

Atty. Docket No.: 600.423US1 | Serial No. 08/991,143

Applicant: Bianca M. Conti-Fine

Filing Date: December 16, 1997

Group: 1644

**U. S. PATENT DOCUMENTS**

<b>**Examiner Initial</b>	<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date If Appropriate</b>
ER	4,649,132	03/10/1987	Zimmerman et al.	514	12	05/24/85
ER	4,822,606	04/18/1989	Snyderman et al.	424	88	04/07/86
ER	4,962,091	10/09/1990	Eppstein et al.	514	2	05/23/86
ER	5,114,721	05/19/1992	Cohen et al.	424	534	03/15/89
ER	5,158,884	10/27/1992	Conti-Tronconi et al.	435	240.2	09/10/90
ER	5,298,490	03/29/1994	Heavner et al.	514	17	01/09/90
ER	5,585,362	12/17/1996	Wilson et al.	514	44	06/07/93
ER	5,614,396	03/25/1997	Bradley et al.	435	172.3	02/22/94
ER	5,681,571	10/28/1997	Holmgren et al.	424	236.1	01/19/94

**FOREIGN PATENT DOCUMENTS**

<b>**Examiner Initial</b>	<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation Yes   No</b>
ER	88/10120	12/29/1988	PCT	A61K	39/00	

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

<b>**Examiner Initial</b>	<b>Bellone, M., et al., "Experimental Myasthenia Gravis in Congenic Mice. Sequence Mapping and H-2 Restriction of T Helper Epitopes of the <math>\alpha</math> Subunits of Torpedo californica and Murine Acetylcholine Receptors", <i>Eur. J. Immunol.</i>, 21, 2303-2310 (1991)</b>
ER	Conti-Fine, B.M., et al., In: <u>Myasthenia Gravis: The Immunobiology of an Autoimmune Disease</u> , R.G. Landes Co., Austin, TX, p. 89-104, 121-147, 149-206 (1997)
ER	Conti-Fine, B.M., et al., "Antibodies as Tools to Study the Structure of Membrane Proteins: The Case of the Nicotinic Acetylcholine Receptor", <u>Annual Review of Biophysics and Biomolecular Structure</u> , 25, 197-229 (1996)
ER	Karpati, G., et al., "The Scope of Gene Therapy in Humans: Scientific, Safety and Ethical Considerations", <u>Neuromuscular Disorders</u> , 7, 273-276 (1997)
ER	Karpus, W.J., et al., "Inhibition of Relapsing Experimental Autoimmune Encephalomyelitis in SJL Mice by Feeding the Immunodominant PLP139-151 Peptide", <u>Journal of Neuroscience Research</u> , 45, 410-423 (1996)
ER	Lider, O., et al., "Suppression of Experimental Autoimmune Encephalomyelitis by Oral Administration of Myelin Basic Protein. II. Suppression of Disease and in Vitro Immune Responses Is Mediated by Antigen-Specific CD8 <sup>+</sup> T Lymphocytes", <u>The Journal of Immunology</u> , 142, 748-752 (Feb. 1, 1989)
ER	Ma, C.-G., et al., "Suppression of Experimental Autoimmune Myasthenia Gravis by Nasal Administration of Acetylcholine Receptor", <u>Journal of Neuroimmunology</u> , 58, 51-60 (1995)

Examiner

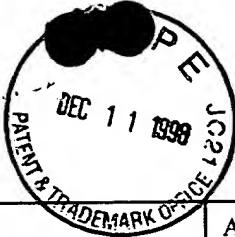
*Evelyn Robin*

| Date Considered

*2/12/99*

\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance  
and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

Form 1449\*

Atty. Docket No.: 600.423US1

Serial No. 08/991,143

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)**

Applicant: Bianca M. Conti-Fine

Filing Date: December 16, 1997

Group: 1644

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

\*\*Examiner  
Initial

GR	Metzler, B., et al., "Inhibition of Experimental Autoimmune Encephalomyelitis by Inhalation but not Oral Administration of the Encephalitogenic Peptide: Influence of MHC Binding Affinity", <u>International Immunology</u> , 5, 1159-1165 (1993)
GR	Neutra, M.R., et al., "Antigen Sampling Across Epithelial Barriers and Induction of Mucosal Immune Responses", <u>Annual Review of Immunology</u> , 14, 275-300 (1996)
GR	O'Sullivan, D., et al., "Characterization of the Specificity of Peptide Binding to Four DR Haplotypes", <u>The Journal of Immunology</u> , 145, 1799-1808 (Sep. 15, 1990)
GR	Phillips, G., et al., "American Society for Blood and Marrow Transplantation Guidelines for Clinical Centers", <u>Biology of Blood and Marrow Transplantation</u> , 1, 54-55 (1995)
GR	Schwartz, R.S., et al., "Autoimmunity and Autoimmune Diseases", In: <u>Fundamental Immunology, Second Edition</u> , Paul, W.E., (ed.), Raven Press, New York, 819-859 (1989)
GR	Wang, Z.-Y., et al., "Th1 Epitope Repertoire on the $\alpha$ Subunit of Human Muscle Acetylcholine Receptor in Myasthenia Gravis", <u>Neurology</u> , 48, 1643-1653 (1997)
GR	Weiner, H.L., et al., "Oral Tolerance: Immunologic Mechanisms and Treatment of Animal and Human Organ-Specific Autoimmune Diseases by Oral Administration of Autoantigens", <u>Annual Review of Immunology</u> , 12, 809-837 (1994)
GR	Yu, M., et al., "A Predictable Sequential Determinant Spreading Cascade Invariably Accompanies Progression of Experimental Autoimmune Encephalomyelitis: A Basis for Peptide-Specific Therapy After Onset of Clinical Disease", <u>J. Exp. Med.</u> , 183, 1777-1788 (Apr. 1996)

Examiner

*Evelyn Robin*

Date Considered

*2/12/99*

\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449*	Atty. Docket No.: 600.423US1	Serial No. Unknown <u>08/991143</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Bianca M. Conti-Fine	
	Filing Date: Herewith	Group: <u>1644</u> Unknown

## U. S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<u>ZK</u>	5,571,499	11/05/1996	Hafler et al.	414	43	06/06/95
<u>ZK</u>	5,571,500	11/05/1996	Hafler et al.	424	43	06/07/95
<u>ZK</u>	5,578,496	11/26/1996	Atassi et al.	436	506	10/05/94
<u>ZK</u>	5,641,473	06/24/1997	Hafler et al.	424	43	06/06/95
<u>ZK</u>	5,641,474	06/24/1997	Hafler et al.	424	43	06/07/95

## FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

<u>ZK</u>	Shenoy, M., et al., "Suppression of Experimental Autoimmune Myasthenia Gravis by Epitope-Specific Neonatal Tolerance to Synthetic Region $\alpha$ 146-162 of Acetylcholine Receptor", <u>Clinical Immunology and Immunopathology</u> , 66, 230-238 (March 1993)
<u>ZK</u>	Shenoy, M., et al., "The Pathogenic Role of Acetylcholine Receptor $\alpha$ Chain Epitope within $\alpha$ 146-162 in the Development of Experimental Autoimmune Myasthenia Gravis in C57BL6 Mice", <u>Clinical Immunology and Immunopathology</u> , 73, 338-343 (Dec. 1994)
<u>ZK</u>	Yeh, T.-M., et al., "T Cells Reactive with a Small Synthetic Peptide of the Acetylcholine Receptor Can Provide Help for a Clonotypically Heterogeneous Antibody Response and Subsequently Impaired Muscle Function", <u>The Journal of Immunology</u> , 144, 1654-1660 (March 1, 1990)

Examiner <u>Evelyn Raben</u>	Date Considered <u>2/12/99</u>
------------------------------	--------------------------------

\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.